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TO: Examiner Ernest G. Therborn, ART UNIT 1723

FAX NO.: (571)-273-8300

FROM: Jenna M. Morrison

DATE: October 13, 2005

NO. OF PAGES (INCLUDING COVER SHEET): 3

SUBJECT/MESSAGE:

Re: U.S. Patent Application Serial No. 10/057,080; filed January 24, 2002  
SOL-GEL OPEN TUBULAR ODS COLUMNS WITH CHARGED  
INNER SURFACE FOR CAPILLARY ELECTROCHROMATOGRAPHY  
(Malik, Hayes)  
Attorney Docket No. USI-222XCT

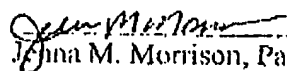
ATTACHMENTS: 1. STATEMENT OF SUBSTANCE OF INTERVIEW UNDER 37 C.F.R. §1.133

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Tina M. Morrison, Patent Attorney

STATEMENT OF SUBSTANCE OF  
INTERVIEW UNDER 37 C.F.R. §1.133  
Examining Group 1723  
Patent Application  
Docket No. USF-222XCT  
Serial No. 10/057,080

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Ernest G. Therkorn  
Art Unit : 1723  
Date of Allowance : August 2, 2005  
Applicants : Abdul Malik, James D. Hayes  
Serial No. : 10/057,080  
Filed : January 24, 2002  
Conf. No. : 3341  
For : Sol-gel Open Tubular ODS Columns With Charged Inner  
Surface for Capillary Electrochromatography

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STATEMENT OF SUBSTANCE OF INTERVIEW UNDER 37 C.F.R. §1.133

Applicants wish to thank Examiner Therkorn for the courtesy of the telephonic interview conducted on July 25, 2005 with the undersigned. The remarks set forth herein are consistent with the substance of the interview, constitute a summary of that interview, and are believed to address the issues discussed during the interview.

Claims 1-13 and 23-25 have been allowed in the above-referenced patent application. Applicants agreed to the amendment of claim 1 and the addition of claims 23-25 as set forth in the Notice of Allowability.

The instant application provides sufficient teachings regarding the advantageous capillary electrochromatography (CE) columns of the subject invention. Specifically, the stationary coating located on the inner surface of the CE columns controls the direction of electroosmotic flow (EOF)

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Docket No. USF-222XCT  
Serial No. 10/057,080

as discussed throughout the instant application. Different embodiments for controlling EOF are disclosed, for example, adjusting the components of the stationary coating (*See* page 10, lines 25-26).

The relative contributions of both the negatively charged and positively charged moieties of the stationary coating also can control the direction of EOF flow (*See* page 18, lines 25-30) as well as the pH of the electrolyte (*See* page 10, line 27; page 27, lines 22-31; page 28, lines 1-16) in other disclosed examples.

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 or 1.17 as required by this paper to Deposit Account 19-0065.

Respectfully submitted,

  
Jenna M. Morrison

Patent Attorney

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